

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-57. (Cancelled)

58. (Previously Presented) A method of generating an interface surface, the method including the steps of:

(a) receiving user data in a printer;  
(b) generating machine-readable coded data incorporating the user data, the coded data being arranged in accordance with at least one layout having  $n$ -fold rotational symmetry about a center of rotation, where  $n$  is at least two, and having mirror symmetry, the layout including:

(i)  $n$  identical first sub-layouts rotated  $1/n$  revolutions apart about the center of rotation, and,  
(ii)  $n$  identical second sub-layouts rotated  $1/n$  revolutions apart about the center of rotation, each second sub-layout being a reflection of a corresponding one of the first sub-layouts, at least one sub-layout including:

(1) rotation-indicating data that distinguishes that sub-layout from at least one other sub-layout; and,  
(2) reflection-indicating data that distinguishes the reflection of that sub-layout from the reflection of a corresponding reflected sub-layout; and

(c) printing the coded data onto a surface.

59. (Previously Presented) A method according to claim 58, the coded data being substantially invisible to the unaided human eye.

60. (Previously Presented) A method according to claim 58, the surface further including additional visible markings, the method including printing visible markings on the surface substantially simultaneously with the coded data.

61-64. (Cancelled)